

**BOARD FOR GEOLOGISTS AND GEOPHYSICISTS**

2535 CAPITOL OAKS DRIVE, SUITE 300A, SACRAMENTO, CA 95833-2926

TELEPHONE: (916) 263-2113

FAX: (916) 263-2099

E-mail: [geology@dca.ca.gov](mailto:geology@dca.ca.gov)Website: [www.dca.ca.gov/geology](http://www.dca.ca.gov/geology)

## Enforcement Action

**Mark Hulett****Registered Geologist No. 4800****Certified Engineering Geologist No. 1623**

The Board for Geologists and Geophysicists issued a citation and fine of \$2,500.00 to Mark Hulett, Registered Geologist No. 4800, Certified Engineering Geologist No. 1623, for violation of §7860(b) of the Business and Professions Code (Geologist and Geophysicist Act).

Mark Hulett signed a report entitled "Petrographic Analysis, Coarse & Fine Aggregate of Crushed Materials from Robertson's Ready Mix-Rialto Facility, San Bernardino County, CA," dated February 14, 2000, that was subsequently submitted to Orange County. The Citation alleged that the aforementioned report failed to and/or lacked: 1) adequate recording of the test procedures employed in the examination of the rock aggregate samples; 2) adequate description and discussion of optical properties of the aggregate particles as determined by thin-section examination with a polarizing microscope; 3) deficient and incomplete aggregate descriptions with respect to ASTM C295<sup>1</sup> protocols and standard petrographic nomenclature; 4) tabulated examination data did not conform to the calculation and tabulation methodologies specified in ASTM C295; and 5) adequately evaluate the potential of alkali-silica reactivity of the aggregate materials to be used in the manufacture of concrete (Bus. & Prof. Code §7860(b)). The aforementioned deficiencies fell below the professional standard of care and consequently constituted negligence or incompetence in the professional practice of geology.

In accordance with section 125.9(d) of the Business and Professions Code which specifies that payment of the fine does not constitute admission of the violation charged and represents satisfactory resolution of the matter, Mark Hulett paid the fine and the case was closed on October 1, 2002.

---

<sup>1</sup> The standard practice or custom in industry for the petrographic examination of aggregate samples at this time is the American Standards for Testing Materials (ASTM) C295-90, "Standard Guide for Petrographic Examination of Aggregates for Concrete" (ASTM C295).